



Application Number	10/750,293
Filing Date	December 31, 2003
First Named Inventor	Sangeeta N. BHATIA
Art Unit	unknown
Examiner Name	unknown
Attorney Docket Number	BUCSD 1025964

Examiner Signature	KUHNS	Date Considered	7-19-07
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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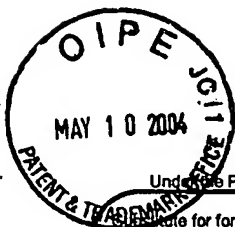
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Substitute for form 1449/PTO	
		Complete if Known	
		Application Number	10/750,293
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Examiner Name	unknown		
Attorney Docket Number	BUCSD 1025965		
Sheet	2	of	3

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
GRK	5.	Bhatia SN, and Chen C (1999) Tissue Engineering at the Micro-Scale, Biomedical Microdevices 2:131-144.	
GRK	6	Bhatia, S.N., Balis U, Yarmush ML, and Toner M, Effect of Cell-Cell interactions in preservation of cellular phenotype: Co-Cultivation of Hepatocytes and Non-Parenchymal Cells, FASEB J, (1999), 13(14): p. 1883-1990.	
GRK	7	Borenstein J.T., Teral H, King K.R., Weinberg E.J., Kaazempur-Mofrad M.R., and Vacanti J.P. Microfabrication Technology for Vascularized Tissue Engineering. Biomedical Microdevices, 2002 (4:3) p167-175.	
GRK	8	Chu TM, Orton DG, Hollister SJ, Feinberg SE, and Halloran JW. (2002) Mechanical and in vivo performance of hydroxyapatite implants with controlled architectures. Biomaterials, 23:1283-1293.	
GRK	9	Hermanson, G.T. (1996) Bioconjugate Techniques. Academic Press. Kapur R, Spargo BJ, Chen MS, Calvert JM, Rudolph AS (1996) Fabrication and selective surface modification of 3-dimensionally textured biomedical polymers from etched silicon substrates, J Biomed Mater Res. 33:205-16.	
GRK	10	Mikos A.G., Sarakinos G., Leite S.M., Vacanti J.P., Langer R. (1993) Laminated three-dimensional biodegradable foams for use in tissue engineering, Biomaterials 14:323-330	
GRK	11	Mrksich, M., et al., (1997) Using microcontact printing to pattern the attachment of mammalian cells to self-assembled monolayers of alkanethiolates on transparent films of gold and silver. Experimental Cell Research 235:305-13.	
GRK	12	Park A, Wu B, Griffith LG (1998) Integration of surface modification and 3D fabrication techniques to prepare patterned poly(L-lactide) substrates allowing regionally selective cell adhesion, J Biomater Sci Polym Ed. 9:89-110.	
GRK	13	Shastri VP, Martin I, Langer R. (2000), Macroporous polymer foams by hydrocarbon templating. Proc Natl Acad Sci USA. 97:1970-5.	
GRK	14	Zein I, Hutmacher DW, Tan KC, Teoh SH. (2000) Fused deposition modeling of novel scaffolds architectures for tissue engineering applications. Biomaterials 23:1169-1185	

Examiner Signature	KUHNS	Date Considered	7-19-07
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
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Sheet	3	of	3	Attorney Docket Number	BUCSD 1025965

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
GRK	15	Zhao B., Moore J.S., Beebe D.J. (2001) Surface-directed liquid flow inside microchannels. Science 291: 1023	

Examiner Signature	KUHNS	Date Considered	7-19-07
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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 15670-090US1	Application No. 10/750,293
	Applicant Bhatia et al.		
	Filing Date December 31, 2003	Group Art Unit	

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
GRK	AA	5,443,950	8/22/95	Naughton et al.	-	-	
GRK	AB	5,486,546	1/23/96	Mathiesen et al.	-	-	
GRK	AC	5,514,378	5/7/96	Mikos et al.	-	-	
GRK	AD	5,776,748	7/7/98	Singhvi et al.	-	-	
GRK	AE	6,160,084	12/12/00	Langer et al.	-	-	
GRK	AF	6,203,573	3/20/01	Walter et al.	-	-	
GRK	AG	6,337,198	1/8/02	Levene et al.	-	-	
GRK	AH	6,379,962	4/30/02	Holy et al.	-	-	

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AI							
	AJ							
	AK							
	AL							
	AM							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
GRK	AN	Bhatia et al., "Micropatterning Cells in Tissue Engineering" Methods in Molecular Medicine, Vol. 18, pp. 349-363
GRK	AO	Bhatia et al., "Controlling Cell interactions by Micropatterning in Co-Cultures: Hepatocytes and 3T3 Fibroblasts" Journal of Biomedical Materials Research, Vol. 34, 189-1999 (1997)
	AP	
	AQ	

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